

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
16 December 2004 (16.12.2004)

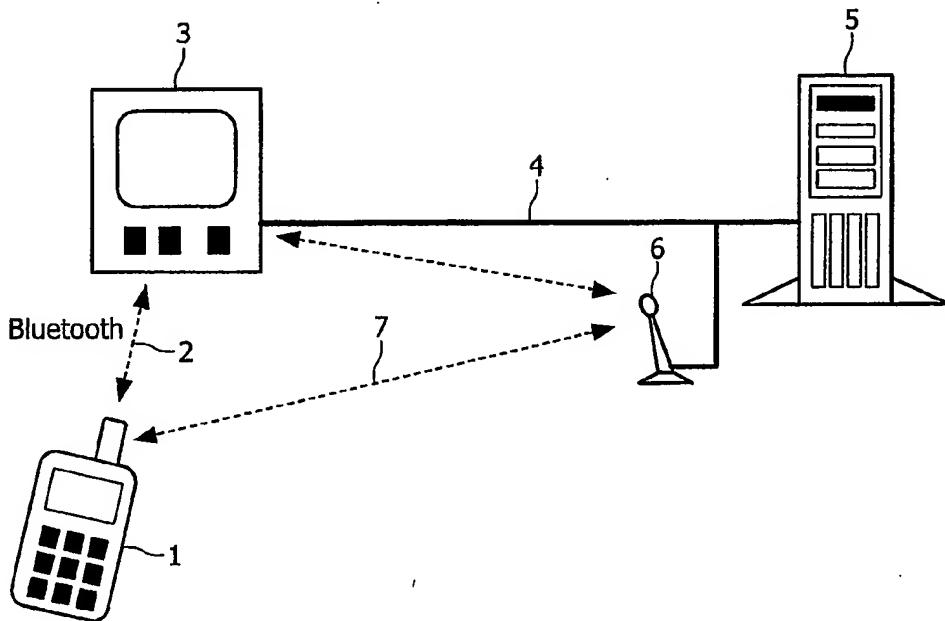
PCT

(10) International Publication Number
WO 2004/109992 A1

- (51) International Patent Classification⁷: **H04L 12/56, 12/28, G06F 19/00, A61B 5/00** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (21) International Application Number: **PCT/IB2004/050785**
- (22) International Filing Date: **27 May 2004 (27.05.2004)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
03101659.5 6 June 2003 (06.06.2003) EP
- (71) Applicant (for DE only): **PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]**; Stein-damm 94, 20099 Hamburg (DE).
- (71) Applicant (for all designated States except DE, US): **KONINKLIJKE PHILIPS ELECTRONICS N. V.**
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **KLABUNDE, Karin [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). MUESCH, Guido [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).**
- (74) Agent: **VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).**
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

[Continued on next page]

(54) Title: METHOD OF CONTROLLING WIRELESS DATA TRANSMISSION BY SWITCHING BETWEEN SHORT-RANGE AND LONG-RANGE RADIO TECHNOLOGIES



(57) Abstract: The invention relates to a device, in particular a patient monitoring system with a mobile terminal unit (1) for acquiring patient data. The measured data is transferred from the terminal unit (1) via a short-range radio technology (2) (e.g. Bluetooth) to a data monitor (3) arranged at the patient's bedside when the patient is in the vicinity thereof. If necessary, communication can be switched to a long-range radio technology (7) (e.g. WLAN) to ensure interruption-free data transmission while the patient moves around.

WO 2004/109992 A1